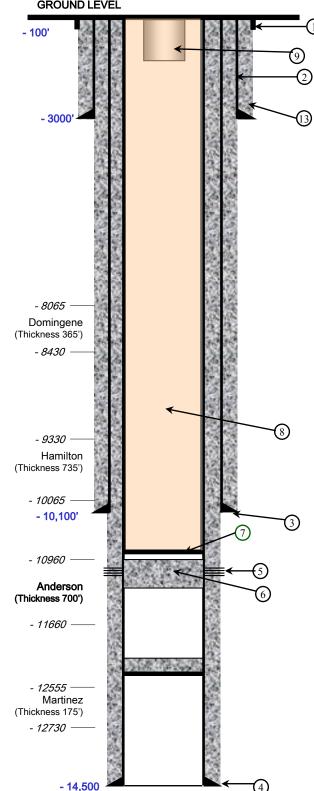


SHELL - CO₂ Pilot Injection Well Plugging and Abandonment Plans

INJECTION WELL TEMPORARY ABANDONMENT

GROUND LEVEL



NOTE: Abandonment procedures for the Monitor Well are similar

All depths reference RKB RKB = 25' above GL (est.) GL= 79.7'

SCHEMATIC DESCRIPTION

- Conductor casing 20", set to 100'
- 2) Surface casing 13-3/8", set to 3,000'
- Intermediate casing 9-5/8", set to 10,100' (below the
- Production casing 7", set to TD
- 5) Perforations (55')
- Cement plug across perforations (~200' long)
- Retrievable bridge plug
- Kill fluid (>formation pressure)
- Minimum 1000' kill string

INJECTION WELL

PERMANENT ABANDONMENT

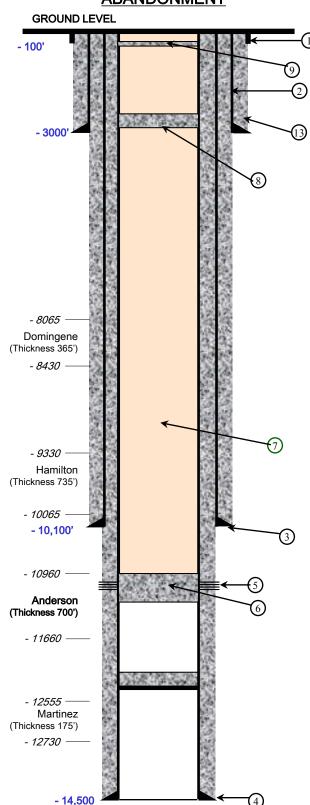


Figure Q-1 Well Schematic for the Injection Well

NOTE: Abandonment procedures for the Monitor Well are similar

All depths reference RKB RKB = 25' above GL (est.) GL= 79.7'

SCHEMATIC DESCRIPTION

- Conductor casing 20", set to 100'
- Surface casing 13-3/8", set to 3,000'
- Intermediate casing 9-5/8", set to 10,100' (below the
- Production casing 7", set to TD
- Perforations (55')

2)

5)

7)

8)

9)

- 6) Cement plug across perforations (~200' long)
 - Kill fluid (>formation pressure)
 - ~100' long cement plug across freshwater-saltwater
 - Minimum 25' long surface plug below casing cut-off

Drawing not to scale